

Appl. No. 10/003,013
Amdt. Filed with RCE

Listing of Claims:

Claim 1 (currently amended): A method of presenting a printer operator interface, the method comprising the steps of:

generating ~~a printer~~ an operator display dataset in a processor within a printer, wherein the operator display dataset defines ~~a printer~~ an operator interface display and wherein the display dataset conforms to a network protocol;

interpreting, through use of the network protocol, the ~~printer~~ operator display dataset within the printer to produce an interpreted operator interface display; and

displaying, on a display on the printer, the interpreted operator interface display produced by the interpreting, through use of the network protocol, of the operator display dataset on a display on the printer.

Claim 2 (Currently Amended): The method of claim 1, wherein the network protocol is a HyperText Transfer Protocol, wherein the interpreting interprets, within the printer, the HyperText Transfer Protocol of the operator display dataset.

Claim 3 (original): The method of claim 1, wherein the operator display dataset comprises data for one or more of a video, an image, a sound file and an animation display.

Claim 4 (original): The method of claim 1, wherein the step of generating the operator display dataset is performed in response to a change in an operating parameter within the printer.

Claim 5 (original): The method of claim 4, wherein the operating parameter is categorized as at least one of a priority parameter, a paper jam indicator and an out of paper indicator.

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Claim 6 (original): The method of claim 1, wherein the step of generating is repetitively performed at a time period.

Claim 7 (original): The method of claim 6, wherein the time period is adjusted according to at least one of an operating state of the printer and an error state of the printer.

Claim 8 (original): The method of claim 1, further comprising the steps of:
accepting an operator input for the printer through means associated with the operator interface display; and
controlling a function within the printer in response to the operator input.

Claim 9 (original): The method of claim 8, wherein the function comprises generating an additional operator interface display.

Claim 10 (original): The method of claim 8, wherein the step of accepting utilizes at least one of a pointing device, a keyboard, handwriting recognition, and a touchscreen input.

Claim 11 (currently amended): A method of presenting an operator interface for a controller, the method comprising the steps of:

generating an operator display dataset within a computer controller, wherein the operator display dataset defines an operator interface display and wherein the display dataset conforms to a network protocol;

interpreting, through use of the network protocol, the operator display dataset within the computer controller to produce an interpreted operator interface display; and

displaying, on a display on the printer, the interpreted operator interface display produced by the interpreting, through use of the network protocol, of the operator display dataset.

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Claim 12 (currently amended): A computer printer, comprising:

an operator display dataset generator for generating a display dataset, wherein the display dataset defines an operator interface display and wherein the display dataset conforms to a network protocol;

a display dataset interpreter, communicatively coupled to the operator display dataset generator, for interpreting, through use of the network protocol, the operator display dataset to produce an interpreted operator interface display, wherein the display dataset interpreter is contained within the printer; and

an operator interface display, electronically coupled to the display dataset interpreter and part of the computer printer, for displaying the interpreted operator interface display produced by the display dataset interpreter.

Claim 13 (Currently Amended): The system of claim 12, wherein the network protocol is a HyperText Transfer Protocol, wherein the display dataset interpreter interprets, within the printer, the HyperText Transfer Protocol of the operator display dataset.

Claim 14 (original): The system of claim 12, wherein the operator display dataset comprises data for one or more of a video, an image, a sound file, and an animation display.

Claim 15 (original): The system of claim 12, wherein operator display dataset generator operates in response to a change in an operating parameter within the printer.

Claim 16 (original): The system of claim 15, wherein the operating parameter is categorized as at least one of a priority parameter, a paper jam indicator and an out of paper indicator.

Claim 17 (original): The system of claim 12, wherein the operator display dataset generator operates at a time period.

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Claim 18 (original): The system of claim 17, wherein the time period is adjusted according to at least one of a state of the printer and an error state of the printer.

Claim 19 (original): The system of claim 12, further comprising:

an operator input device for accepting an operator input, wherein the operator input is associated with the operator interface display; and

a device controller, communicatively coupled to the operator input, for controlling a function within the printer in response to the operator input.

Claim 20 (original): The system of claim 19, wherein the function comprises the generation of an additional operator interface display.

Claim 21 (original): The system of claim 19, wherein the operator input comprises at least one of a pointing device, a keyboard, handwriting recognition means, and a touchscreen input.

Claim 22 (currently amended): A computer readable medium including computer instructions for presenting an operator interface for a printer, the computer instructions comprising instructions for:

generating an operator display dataset within a printer, wherein the operator display dataset defines an operator interface display and wherein the display dataset conforms to a network protocol;

interpreting, through use of the network protocol, the operator display dataset within the printer to produce an interpreted operator interface display; and

displaying, on a display on the printer, the interpreted operator interface display produced by the interpreting, through use of the network protocol, of the operator display dataset.

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Claim 23 (Currently Amended): The computer readable medium of claim 22, wherein the network protocol is a HyperText Transfer Protocol, wherein the interpreting interprets, within the printer, the HyperText Transfer Protocol of the operator display dataset.

Claim 24 (original): The computer readable medium of claim 22, wherein the operator display dataset comprises data for one or more of a video, a sound file, an image and an animation display.

Claim 25 (original): The computer readable medium of claim 22, wherein the instruction for generating the operator display dataset is executed in response to a change in an operating parameter within the printer.

Claim 26 (original): The computer readable medium of claim 25, wherein the operating parameter is categorized as at least one of a priority parameter, a paper jam indicator and an out of paper indicator.

Claim 27 (original): The computer readable medium of claim 22, wherein the instruction for generating is repetitively executed at a time period.

Claim 28 (original): The computer readable medium of claim 27, wherein the time period is adjusted according to at least one of a state of the printer and an error state of the printer.

Claim 29 (original): The computer readable medium of claim 22, further including instructions for:

accepting an operator input associated with the operator interface display; and
controlling a function within the printer in response to the operator input.

Claim 30 (original): The computer readable medium of claim 29, wherein the function comprises generating an additional operator interface display.

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Claim 31 (original): The computer readable medium of claim 29, wherein the instruction for accepting accepts input from at least one of a pointing device, a keyboard, handwriting recognition means, and a touchscreen input.